

NOTES ON NEW AND NOTEWORTHY PLANTS. XLI

Harold N. Moldenke

LIPPIA SCHLIMII var. GLABRESCENS (Moldenke) Moldenke, comb. nov.

Lippia hirsuta var. glabrescens Moldenke, Phytologia 9: 500. 1964.

PAEPALANTHUS SPECIOSUS var. PULVERULENTUS Moldenke, var. nov.

Haec varietas a forma typica speciei foliis caulibusque vaginisque pedunculisque plusminus dense albo-pilosis pilis caducis pulveruliformibus recedit.

This variety differs from the typical form of the species in having its stems, leaves, sheaths, and peduncles more or less densely white-pilose with a mealy type of hair which apparently rubs off easily in powdery fashion.

The type of this variety was collected by Edmundo Pereira (no. 7476) at Cristaleira, BR. 7, km. 615, at an altitude of 1250 meters, Goiás, Brazil, on March 30, 1963, and is deposited in the H. N. Moldenke Herbarium at Yonkers, New York.

SYNGONANTHUS HELMINTHORRHIZUS var. GLANDULOSUS Moldenke, var. nov.

Haec varietas a forma typica speciei pilis peduncolorum valde glandulosis recedit.

This variety differs from the typical form of the species in having the pubescence on its peduncles conspicuously glandular-tipped.

The type of the variety was collected by Ezechias Paulo Heringer (no. 8340/534) in the "mata" at Horto do Guará, Brasília, Dist. Fed., Brazil, on May 17, 1961, and is deposited in the H. N. Moldenke Herbarium at Yonkers, New York.

SYNGONANTHUS NIVEUS var. STRIGOSUS Moldenke, var. nov.

Haec varietas a forma typica speciei vaginis arcte albo-strigosis differt.

This variety differs from the typical form of the species in having the sheaths white-strigose with closely appressed antrorse hairs.

The type of the variety was collected by Apparicio Pereira Duarte in a sandy "restinga" at the Caravelas airport south of Bahia, Bahia, Brazil, on August 18, 1961, and is deposited in the H. N. Moldenke Herbarium at Yonkers, New York.

SYNGONANTHUS XINGUENSIS Moldenke, sp. nov.

Herba parva caulescens; caulibus erectis usque ad 4 cm. altis dense foliosis; foliis basalibus rosulatis recurvatis linearibus glabris, caulibus adscendentibus imbricatis linearibus glanduloso-puberulis; pedunculis numerosissimis 5--8 cm. longis bisulcatis parce glanduloso-puberulis; vaginis arcte adpressis 2 cm. longis

glanduloso-puberulis; capitulis globosis 5 mm. longis latisque griseis.

Small caulescent herb, decidedly glandulose-sticky; stems erect, to 4 cm. tall, densely leafy; basal leaves numerous, recurved, linear, 1.5--3 cm. long, almost 1 mm. wide, flat, not fenestrate, pilose at the base, otherwise glabrous, the cauline leaves shorter, ascending, imbricate, 1--1.5 cm. long, acute at the apex, rather densely glandulose-puberulent on both surfaces; peduncles very numerous, 5--8 cm. long, 2-costate and 2-sulcate, sparsely glandular-puberulous; sheaths about 2 cm. long, closely appressed to the peduncle, densely glandular-puberulent with divergent brownish hairs, obliquely acute at the apex; heads (in fruit) globose, gray, about 5 mm. long and wide, densely many-flowered; bractlets and pistillate florets uniformly gray-scarious or whitish, the perianth parts (in fruit) firm, distinct and erect.

The type of this distinct species was collected by R. Arlé (no. 1) at Igarapé Tutuari, near Porto Capitão Vasconcelos, Alto Xingu, Matto Grosso, Brazil, in June, 1961, and is deposited in the H. N. Moldenke Herbarium at Yonkers, New York.

VERBENA HASTATA f. *CAERULEA* Moldenke, f. nov.

Haec forma a forma typica speciei corollis pallide caeruleis recedit.

This form differs from the typical form of the species in having pale-blue corollas.

The type of the form was collected by Andrew Ralph Moldenke (no. 1043) in a moist swale at Amherstburg, Essex County, Ontario, Canada, on August 28, 1964, and is deposited in the H. N. Moldenke Herbarium at Yonkers, New York. There were about 6 husky plants of this distinct color form growing among 100 of the normal form and 30 of f. *rosea* Cheney.

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MATERIALS TOWARD A MONOGRAPH OF THE GENUS *VERBENA*. XXII

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VERBENA PERUVIANA var. *GLABRIUSCULA* Kuntze

Additional bibliography: Moldenke, *Phytologia* 3: 289 (1950) and 3: 467. 1951; Moldenke, *Résumé* 120, 128, 224, & 473. 1959; Moldenke, *Résumé Suppl.* 5: 8. 1962.

This variety differs from the typical form of the species in having almost smooth leaves.

The type of the variety was collected by Rodolfo Hawthals (no. 52) at Sierra Ventana, Buenos Aires, Argentina. The plant has been found in dry grassy places and in fields at 250 meters altitude, flowering in April and from October to December. The corolla is described as red, blood-red, fire-red, or carmine. A